



To : Mr. Oliver M. Filoteo
Chief Executive Officer
From : Quality Control Department
Re : Split type air-conditioner
Date : December 13, 2024
Reference no. : QCD-SAC-25ISAH-I -24-12-001
Cc. : FDF. / A De Rivera /Dept. concern

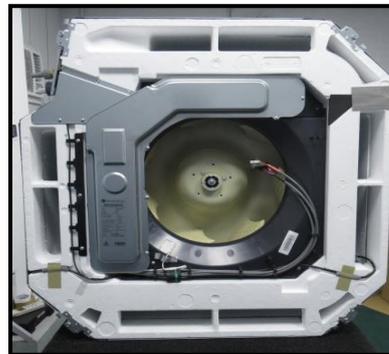
Listed below are the specifications and parts for the new model of Versa match Multi Split type air conditioner, received and inspected this December 11, 2024.

KVM-25ISAH-I (2.5hp) (Versa Match)
INDOOR UNIT

Details checking:

Model : KVM-25ISAH-I
Description : 2.5hp Ceiling Cassette Inverter, Versa match Air-con.
EAN Number : 4 806508 236271
P/O Number : KT-2407GR-18
Lot number : 157124001
Serial number range : 15712407-10001 to 10005 (5 units)
Printing Features : Good, clear, and correct

Inspected units: **Kolin Serial number** 15712407-10002, 10001, 10004 and 10005
Supplier Serial no. 9CL9640000003, 00002, 00005 and 00006



Remarks:

First shipment for new model of multi split type inverter VERSA MATCH series. The carton box packaging dimensions, and specs are based on approved designed. The internal parts inspected are based on the actual unit.

Recommendations:

1. For rework to attach the QR code on warranty card.
2. For internal performance, functional and life testing.

Note: All details and specifications reported are based on the actual unit inspected, And supplier's spec's sheets, no sample unit for the comparisons.

Packaging and Carton box checking:

Packaging Dimensions:	W x D x H Gross weight	963 x 963 x 325mm 36.0 kg.
Carton Box Dimensions:	W x D x H / Weight: Type / Thickness:	966 x 963 x 317mm / 2925 grams Double wall, BC flute / 6.0mm
Packaging Support:	Top support: Bottom support: Foam support: Carton board: Poly plastic:	Carton 418 x 950 x 24mm / 0.870g. Styrofoam 398 x 940 x 30mm / 0.225g. 4 sides top & bottom / 85mm / 0.285g. 925 x 920mm / 6.0mm 0.465g. 0.050 grams and 0.020 grams
Accessories:	Owner's Manual, Warranty card Remote Controller, AAA Battery Remote Holder, Screw (2pcs) Foam w/ adhesive (300 x 160mm) (150 x 60mm) (300 x 45mm) Pipe insulation sheath (15 x 160mm) 2pcs. Sumi tube (210mm) 1pc. Gum type sealer (245g) Insulation tape (50mm) 2pcs. Drain hose (Ø31 x 250mm) Screw (45mm) 4pcs. Screw (20mm) 4pcs. Washers (10 pcs), Carton comb, Cable ties (6pcs.). Flare nut Ø1/4 and Ø5/8	

Unit checking for outer part:

Specifications	Phase	Single
	Volts	230 V~
	Frequency	60Hz
	Nominal Capacity	2.5hp
	Cooling Capacity	23,210 kJ/h 6.45kW
	Max Discharge Pressure	4.3 MPa
	Max Suction Pressure	2.5 MPa
	Fan Motor Power Input	50 Watts / 1.0 Amperes
	Moisture Protection	IPX0
	Sound Pressure level	40 dB(A) High
	Refrigerant type	R 32
	Refrigerant Piping	1/4" & 5/8"
Unit Dimension	W x D x H Net weight	840 x 840 x 240mm 29.0 kg
Appearance	GI casing, metal materials with 9.0mm thickness	

Unit checking for inner part:

Blower Fan Motor:	Type: Model: Part number: Specifications: Manufacturer: Appearance:	Brushless DC motor ZWS35-D1 (FN35D-ZL) PART # 157041000702 DC310V / 35W / 660 r/min / 8P/ IP40 ZHUHAI KAIBANG MOTOR Galvanize coated casing
Control Module:	Main PCB:	300002062052 / Z4M551HJ GRZ4M-A3 (V1) 2022 / 03/ 31/ 14 TI.6
	Capacitor:	Included on board 450V / 68µf / 450V / 105°C (3pcs.)
	Drain Pump	PSB-0.024 / 1.2-A DC12V / 1200mm / 400ml / min 4.2 W / 0.32A / 4313800005802
	Remote Control:	(Type) YAP 1F / AAA Battery / 1.5V x 2
	Control Box:	GI and Plastic materials
Unit Sensor:	Temperature / Tubing	GL 15K / GL 20K
Evaporator:	Aluminum fins: Copper tubing: Dimensions:	1372pcs. Blue Aluminum fins 2 rows of 20 lines with Ø7.0mm each (L x H x W) 2050 x 190 x 25mm
Copper tube:	High side / Low side	Ø1/4" and Ø5/8" with flare cover (plastic)
Wheel blower :	Appearance: Dimension:	Yellowish color / ABS Plastic materials Ø476mm x 133mm
Drain pan:	Appearance: Dimension:	Plastic coated styrofoam (Blue color) 830 x 541 x 65mm
Blower housing:	Appearance: Dimension:	Black color, plastic materials 533 x 345 x 80mm

Unit inner part / spec's

	<p style="text-align: center;">FAN MOTOR</p> <p style="text-align: center;">Brushless DC motor ZWS35-D1 (FN35D-ZL) PART # 157041000702 DC310V / 35W / 660 r/min / 8P/ IP40</p>
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MAIN PCB

300002062052 / Z4M551HJ
GRZ4M-A3 (V1) 2022 / 03/ 31/ 14 TL.6



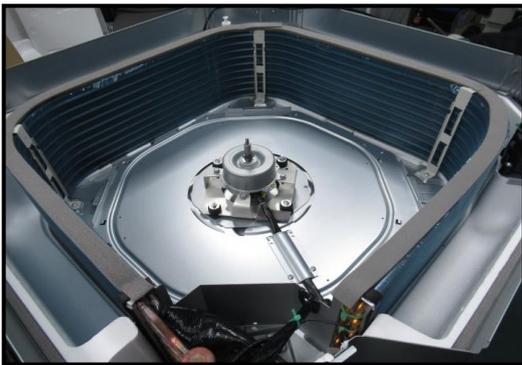
DRAIN PUMP

PSB-0.024 / 1.2-A
DC12V / 1200mm / 400ml / min
4.2 W / 0.32A



REMOTE CONTROLLER

YAP 1F
AAA Battery / 1.5V x 2



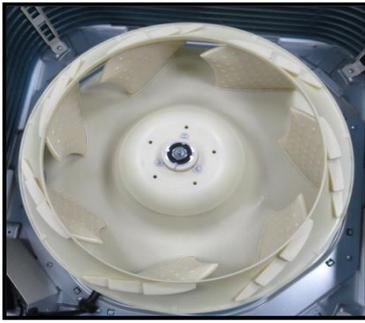
EVAPORATOR

Blue Aluminum fins
2 rows of 20 lines with $\text{\O}7.0\text{mm}$ each
(L x H x W) 2050 x 190 x 25mm



COPPRE TUBE

$\text{\O}1/4''$ and $\text{\O}5/8''$ with flare cover



BLOWER WHEEL

Yellowish color
 ABS Plastic materials
 Ø476mm x 133mm



ACCESSORIES

Owner's Manual, Warranty card
 Remote Controller, AAA Battery
 Remote Holder, Screw (2pcs)
 Foam w/ adhesive
 Pipe insulation sheath (15 x 160mm) 2pcs.
 Sumi tube (210mm) 1pc. Gum type sealer
 Insulation tape (50mm) 2pcs. Drain hose
 Screw (45mm) 4pcs. Screw (20mm) 4pcs.
 Washers (10 pcs)
 Cable ties (6pcs.)
 Carton comb
 Flare nut Ø1/4 and Ø5/8

Packaging and Carton box checking:

KVM-25ISAH-P (Versa Match)

INDOOR PANEL

Details checking:

Model : KVM-25ISAH-P
Description : Ceiling Cassette Inverter, Panel Versa match
Printing Features : Good, clear, and correct

Inspected units: **Supplier Serial no.** 9P40040148033, 48034 / 48031 / 48032



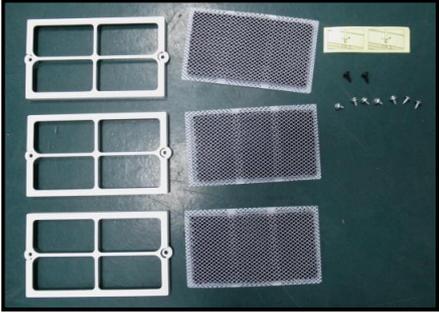
Packaging Dimensions:	W x D x H Gross weight	1033 x 1020 x 110mm 9.5 kg.
Carton Box Dimensions:	W x D x H / Weight: Type / Thickness:	1028 x 1022 x 98mm / 1.415 grams Double wall, BC flute / 6.0mm
Carton Base:	W x D x H / Weight: Type / Thickness:	1009 x 1004 x 95mm / 1.340 grams Double wall, BC flute / 6.0mm
Packaging Support:	4 Corner support: Poly bag:	Styrofoam 87mm / 0.065g. 0.025g.

Unit checking for outer part:

Panel Dimension	W x D x H Net weight	952 x 952 x 65mm 6.0 kg
Appearance	White casing, with panel display and 4 sides swing louver.	
Kolin Logo	Color / Dimensions (W x H)	Cool Gray / 70x 25mm
Inverter Logo	Color / Dimensions (W x H)	Green / 85 x 21 mm
Air Intake panel	Color / Dimensions	White color, plastic materials 640 x 640 x 40mm
Air Filter	Color / Dimensions	Black color, w/ plastic frame Dimensions: 613 x 575mm
Swing Louver	Dimension	435 x 47mm (4pcs)
Accessories	Filter (3pcs) , filter bracket (3pcs) , Sticker screw (black) (2pcs) Screw (7pcs)	
Display Board:	300001061074 / Z69A GRJ63-C (V1) 2022 / 07/ 17 / 16 TI.6	
Swing motor:	4 Sides: MP24AF / 12V (4 pcs.)	

Panel parts / spec's

	<p style="text-align: center;">DISPLAY BOARD</p> <p>300001060286 / D5313BB GRJ518-B (V2) 2018 / 05/ 30 / 20 TI.6</p>
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	<p style="text-align: center;">SWING MOTOR</p> <p style="text-align: center;">4 Sides: MP24AF / 12V (4 pcs.)</p>
	<p style="text-align: center;">ACCESSORIES</p> <p style="text-align: center;">Filter (3pcs) , filter bracket (3pcs) , Sticker screw (black) (2pcs) Screw (7pcs)</p>

For your reference,

Prepared by : Jayson L. Pagacita
Quality Control Staff

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QC, Asst. Supervisor

Approved by : Mr. Fernando D. Feliciano
Plant Operations Manager